FIG. 1

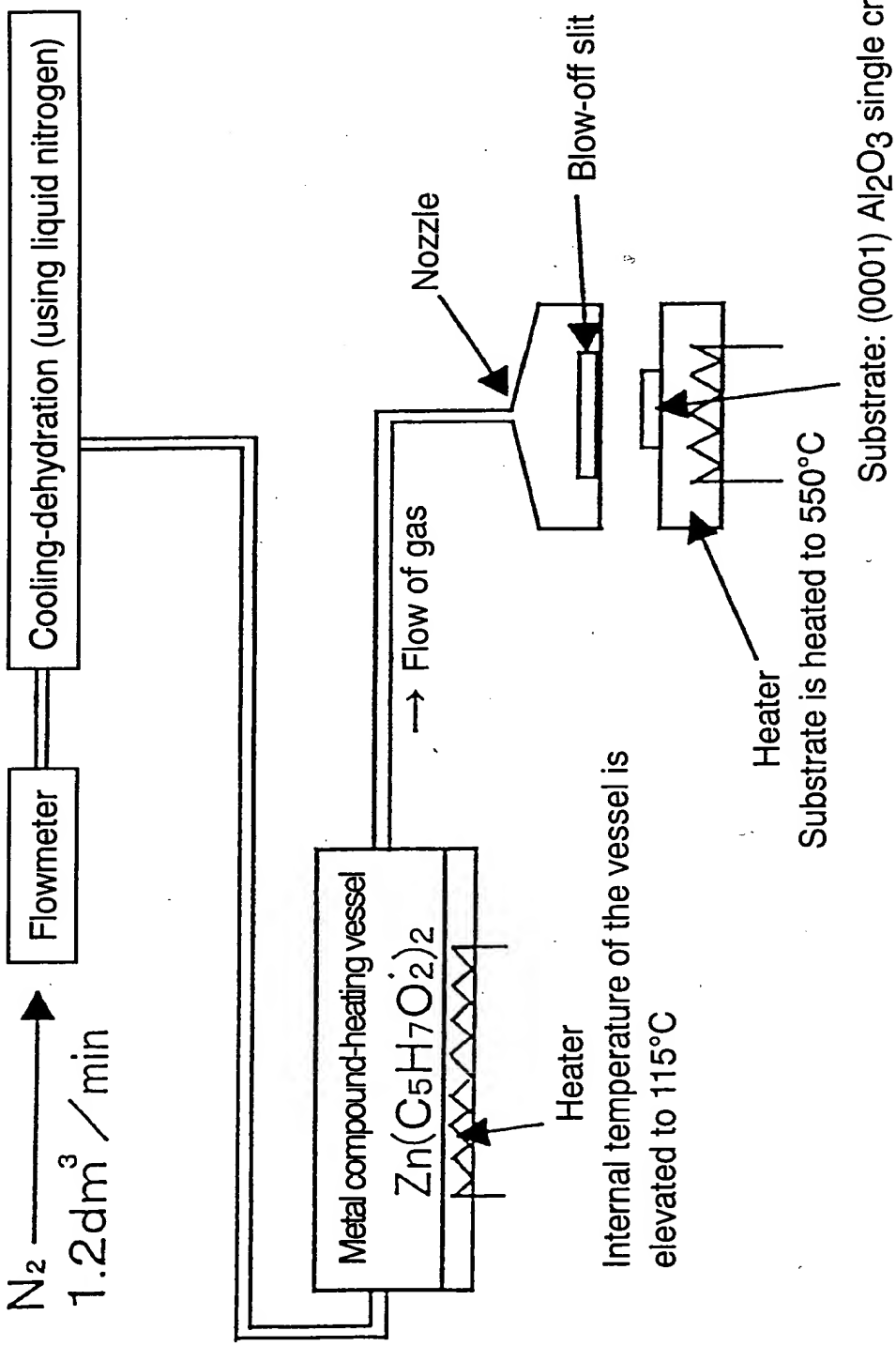
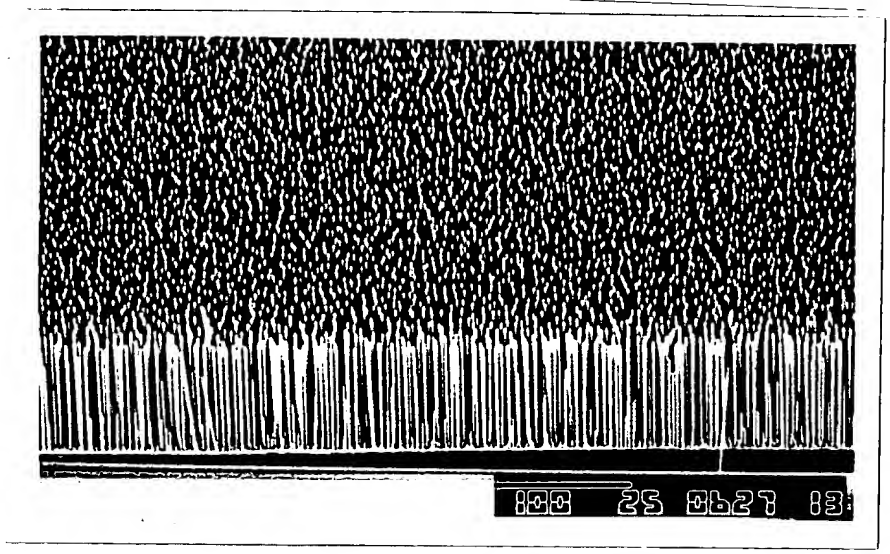

N_2
1.2dm^3/min
Flowmeter
Cooling-dehydration (using liquid nitrogen)
Metal compound-heating vessel
$Zn(C_5H_7O_2)_2$
Heater
Internal temperature of the vessel is elevated to 115°C
→ Flow of gas
Nozzle
Blow-off slit
Heater
Substrate is heated to 550°C
Substrate: (0001) Al_2O_3 single crystal

FIG. 2(a)

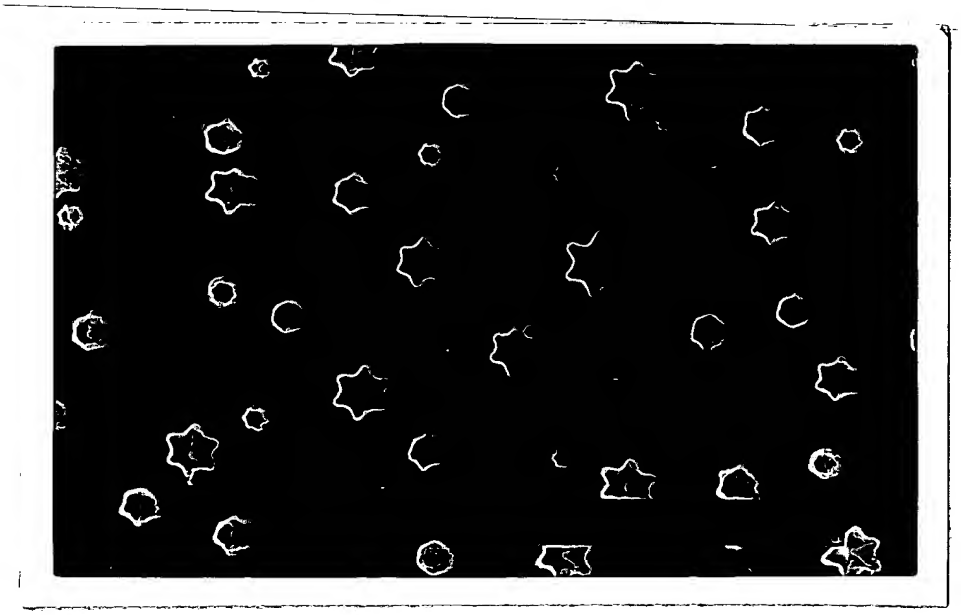


100 μm

FIG. 2(b)

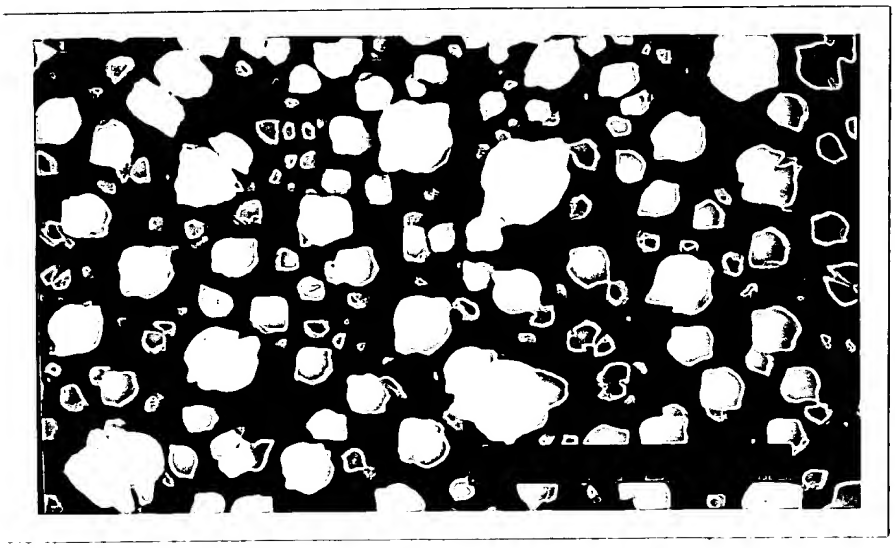
1 μm

FIG. 3



10 μm

FIG. 4

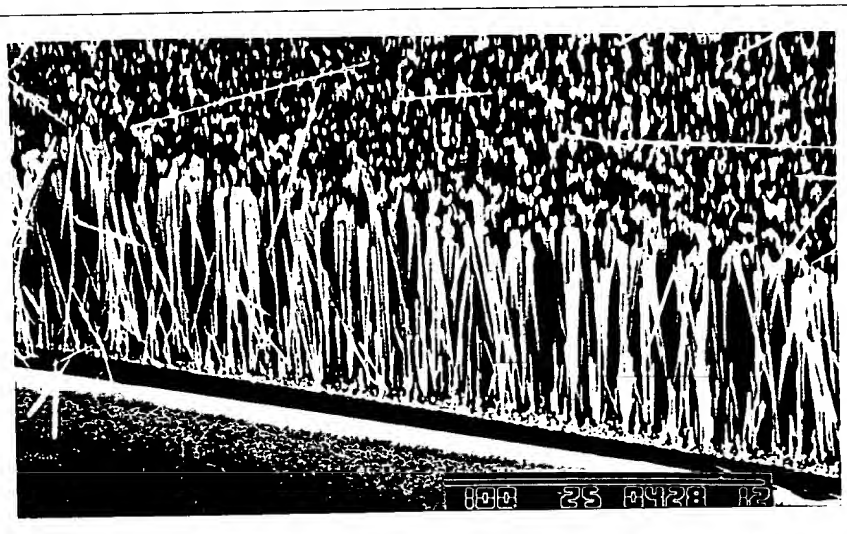


1 μm

FIG. 5

1 μm

FIG. 6



100 μm

FIG. 7

1 μm

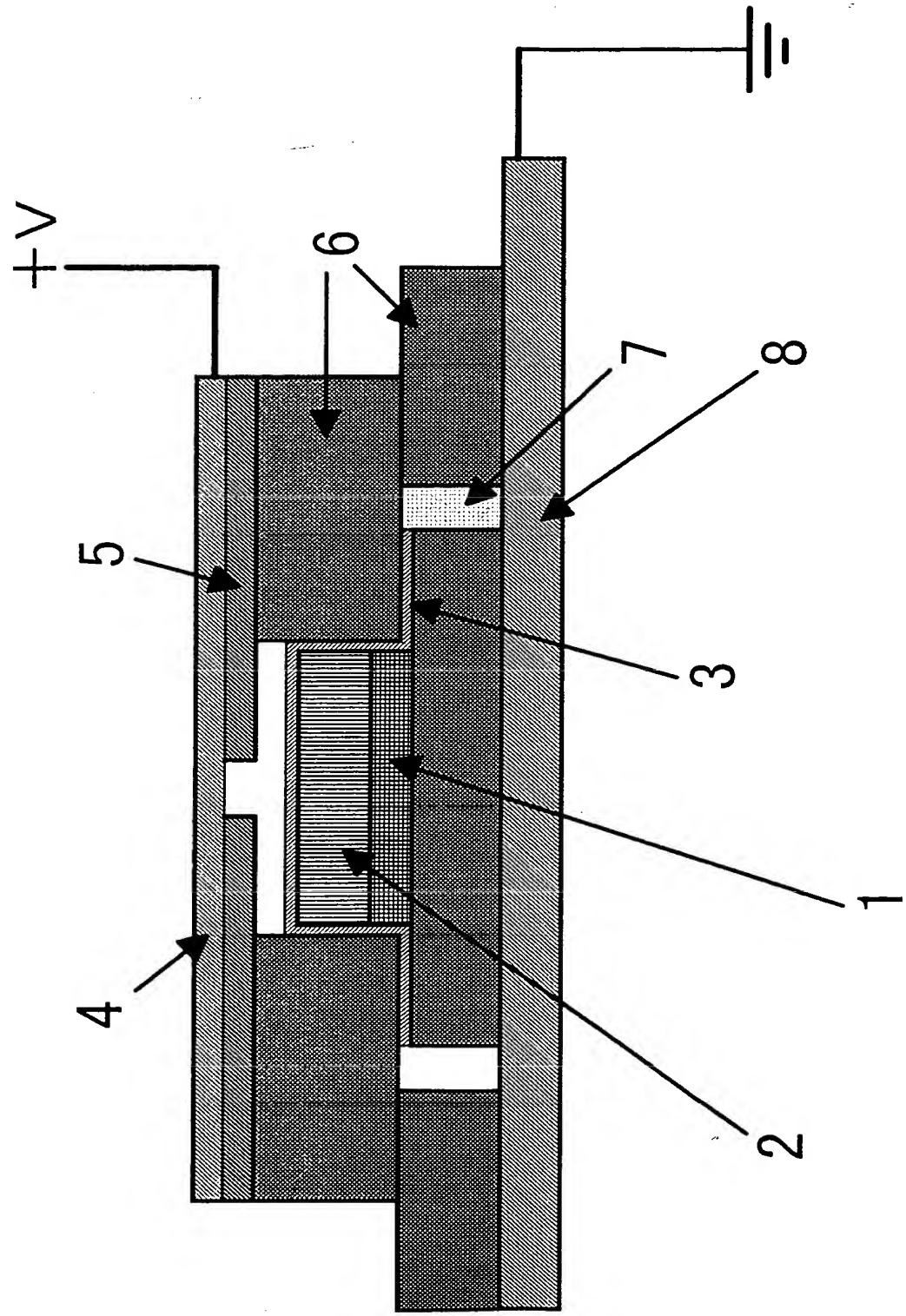



FIG. 8